



Experimental Gulf of Mexico HAB

Bulletin 8

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Analysis

SW Florida: Chlorophyll has increased up to 5 $\mu\text{g/L}$ off Sanibel/Captiva/Boca Grande. Previously, no major bloom in area. Not known at present if *G. breve* is present in area.

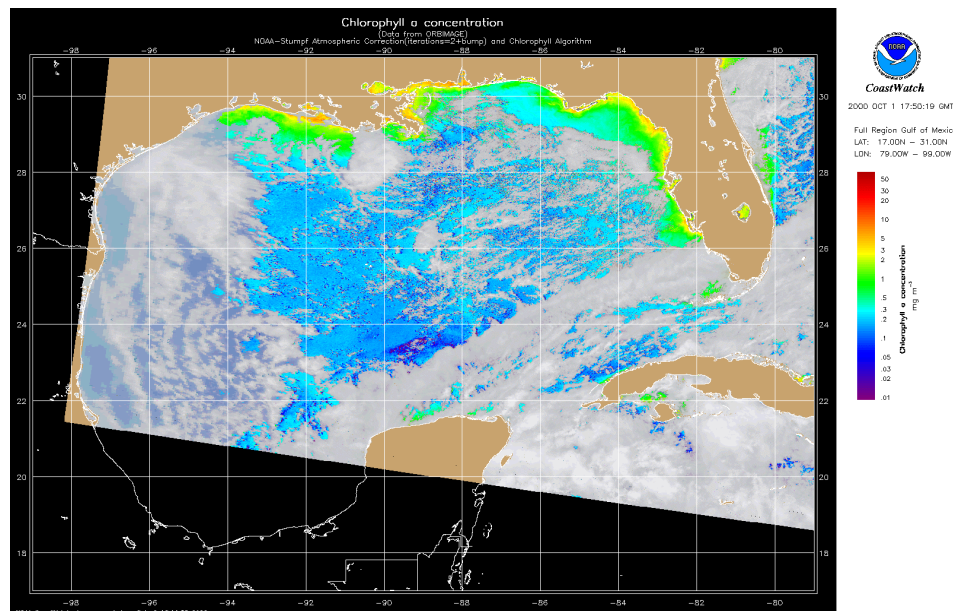
NW Florida: Area of elevated chlorophyll (1 $\mu\text{g/L}$) from Choctawhatchee to 87dW, with highest level about 3 miles offshore. Possible westward expansion of *G. breve* in this area. Substantially diminished bloom between Destin and Panama City, return to near background levels more than 1 km from shore.

Bloom may be persisting off Panama Beach out to 10-15 miles offshore.

Texas: Bloom between Galveston Island to Matagorda Peninsula (94d52' to 95d54') has continued to weaken through Sep 30-Oct 1, and is probably mostly gone from offshore. Areas to south where Texas Parks and Wildlife has reported evidence of red tide show no features offshore. Bloom is apparently constrained to within 1 km of the coast.

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Wind speed and direction are averaged over twelve hours from measurements made on NOAA buoys. Length of line indicates speed; angle indicates direction. Red vectors indicate that wind direction favors upwelling near the coast.

